JAMES GARNER

CO-FOUNDER
OCT 19 –

🏢 Sticky (https://sticky.to)
- Co-founder of Sticky, reality's application layer.

ENGINEERING LEAD
NOV 18 – JAN 20

🏢 SuperAwesome
- Introduced engineering initiatives to create a culture of entrepreneurship. Line management (aligning on company initiatives and career mentorship).
- Delivered the next generation of PII-free advertising with Node.js microservices (NestJS) and Docker/Kubernetes. Significant engineering achievements include introducing React/Jest and 100% test coverage of a distributed architecture which reached Kubernetes scaling limits.

SENIOR CONSULTANT
JUL 18 – OCT 18

🏢 Arcadia/101 Ways
- Contract. On-site via 101 Ways helping Arcadia transform engineering and replatform to React and Node.js (SSR).
- Pair-owned greenfield component library (React/Styled Components) used accross 7 brands including Topshop, Topman and Miss Selfridge.
- Conducted dozens of contract technical interviews.

CO-FOUNDER
MAR 18 – JUL 18

🏢 Storydust/Entrepreneur First (https://vimeo.com/277960656)
- EF10 alumnus. "EF is the best place to find a co-founder, build a company and access the world's best investors. We've helped build over 140 technology companies collectively worth over $1bn."
- Co-founded Storydust which helped brands create "authenticity at scale" by letting them curate, license and use user-generated imagery of people using their products.
- Implemented Google-quality image search via unsupervised learning ontology. Subsecond responses through map-reduce query planning. Search results were influenced by feedback loops from live content engagement.
- Built enterprise-scale processing queue indexing over a million Instagram photos.
- Stack: Infrastructure-as-code microservice infrastructure (Node.js/Docker/CoreOS/RabbitMQ/Redis) on Google Cloud Platform, DigitalOcean and Azure with dynamic load balancing and alerting. 100% test coverage. React SPA.

ENGINEER
FEB 17 – MAR 18

🏢 Beamery (https://beamery.com/software/pages)
- Early hire in full stack engineering pre-Series A to post-Series B. "Beamery is the world's most advanced sourcing and recruitment marketing platform, empowering companies to treat candidates like customers."
- Mentored Founders & Coders interns through a full agile project alongside junior developer mentoring and pairing.
- Worked one-to-one with Facebook (US), Balfour Beatty, Grab (Singapore), Greenhouse and Roivant.
- Pair-lead development of candidate-facing Beamery Pages product (AngularJS/Node.js) which was key to Balfour Beatty's "Outstanding Impact Transformation & Change" win in the Firm Awards.
- Lead frontend development of hiring analytics product, understanding candidate journeys from first visit to hire through Keen.io and Elasticsearch.
- Data visualisation and reporting in React. Supported work on micro-frontend architecture. Implemented GDPR workflows, real time socket.io notifications and advanced UI for Elasticsearch. Established end-to-end testing with Selenium/Cucumber before QAs.

ENGINEER
MAR 16 – FEB 17

🏢 PlayStation (R&D at Sony Interactive Entertainment Europe)
- Full stack engineering on PlayStation's best-in-class developer platform between London and San Mateo, CA.
- Leadership on application's frontend strategy (build, dependencies, introducing AngularJS).
- Delivered AngularJS training to London and Bay Area senior engineers.
- Delivered sprint visualisation project with Node.js (GitHub API) and D3.
- Supported Architecture Board with greenfield serverless project on AWS (Node.js/CloudFormation/Elasticsearch).

CO-FOUNDER
2015 – 2017

🏢 Epsilon Data
- Epsilon Data was a profitable automated marketing startup, working with the UK's leading ethical tourism charity.
- Lead generation by finding Twitter conversations and replying intelligently through brands' Twitter handles. Test-driven algorithms avoided spam.
- WYSIWYG landing pages with tracking from Twitter to website via client-side SDK.
- "Deep Profiles" parallel crawler technology automatically associated and clustered LinkedIn, Twitter and Facebook profiles.
- API-first insight platform (Node.js) with 0 downtime deployments through CloudFlare API. Failsafe integrations with Twitter, Google Images, Mapbox, GeoNames and Genderize.io.
- Self-service "Client Portal" (AngularJS); slide deck reporting with impress.js and Chartist. 3-year old codebase migrated to Browserify, Babel and Sass.

DATA SCIENTIST NOV 14 - OCT 15	🏢	**Relative Insight, Lancaster** • Developed Python web scrapers for high profile brands including Oxford University and Smirnoff. Published language normalisation algorithms for Mumsnet and Twitter.
DEVELOPER JUN 14 - SEP 14	🏢	**DataCentred, MediaCityUK, Manchester** • Internship. Co-delivered customer support app in Ruby on Rails/AngularJS in 3 months, reflecting real-time JIRA ticket activity. Implemented LDAP support in OSS project phpipam.
DEVELOPER JUN 13 - MAY 14	🏢	**NextWorldWeb, InfoLab21, Lancaster** • Moved large legacy ecommerce systems to CakePHP, CS-Cart and WordPress. Automated WordPress theme creation from any site.
DEVELOPER 2011 - 2012	🏢	**Dark Flow** (https://youtube.com/watch?v=yY3QpVo25lw) • Lead a team of 5 developing a "true cross platform game maker" through .NET bytecode runner, browser and mobile support through native code generation.
FOUNDER 2007 - 2011	🏢	**DS Game Maker** (http://gamemakerblog.com/2010/09/22/ds-game-maker) • Created famous Nintendo DS homebrew game making software, selling over 1,500 serial codes and 350 physical 'Homebrew Kits' by age 17. • Adopted at American summer camps and site licenses sold worldwide. International logistics work with Hong Kong and support in German and Dutch.

TALKS + HACKATHONS

APR 19	⌨️	**SuperAwesome Swarm Week** Winners. Technology layer to make live video kid-safe through masking faces. Team of 3.
JUL 17	⌨️	**#HackingTalent** First Prize. Suggesting top candidates for hard-to-fill vacancies by classifying job descriptions to form structured vacancy data. Team of 3.
SEP 16	⌨️	**Capco Hackathon with Monzo and Loqr** First Prize. API clustering spend data from Monzo's API to create financial personality profiles. Tinder-like profile matching client (Angular). Deployed in > 5 hours' keyboard time. Team of 3.
NOV 14	⌨️	**Global Startup Weekend 2014** First Prize. One line JavaScript embed code for reputation based comments, quantifying personality to eliminate on-line trolls. Team of 4.
NOV 14	🎤	**Nintendo DS Homebrew, 2014 Edition** Speaker at DunDDD conference, University of Dundee. "Adventures in the retro Homebrew Scene" and live demo of Nintendo DS development.
APR 14	🎤	**InfoLab21 Showcase** Presented "Geosocial Networking Security" research alongside PhD students, looking at reverse engineering Grindr to find user locations.
MAR 14	⌨️	**Hack Smart Streets 2014** 'Most Commercially Viable' Prize. API for public bodies to detect decaying street furniture from crowdsourced imagery using computer vision (ffmpeg/.NET). Team of 4.
AUG 13	⌨️	**LeedsHack 2013** First Prize. Mobile AR game 'Pacman City' on Google Maps. Team of 3.

PROFILE

DEGREE	🎓	**2:1 Computer Science BSc (Hons), Lancaster University, UK**
LANGUAGES	🌐	**English:** Native 🌐 **German:** Fluent 🌐 **Spanish:** Learning
LEADERSHIP	💼	**Lancaster University Computer Science Society:** President (2014 - 2015) 💼 **InterTech LGBT+ Diversity Forum:** Organiser (2014 - 2017)